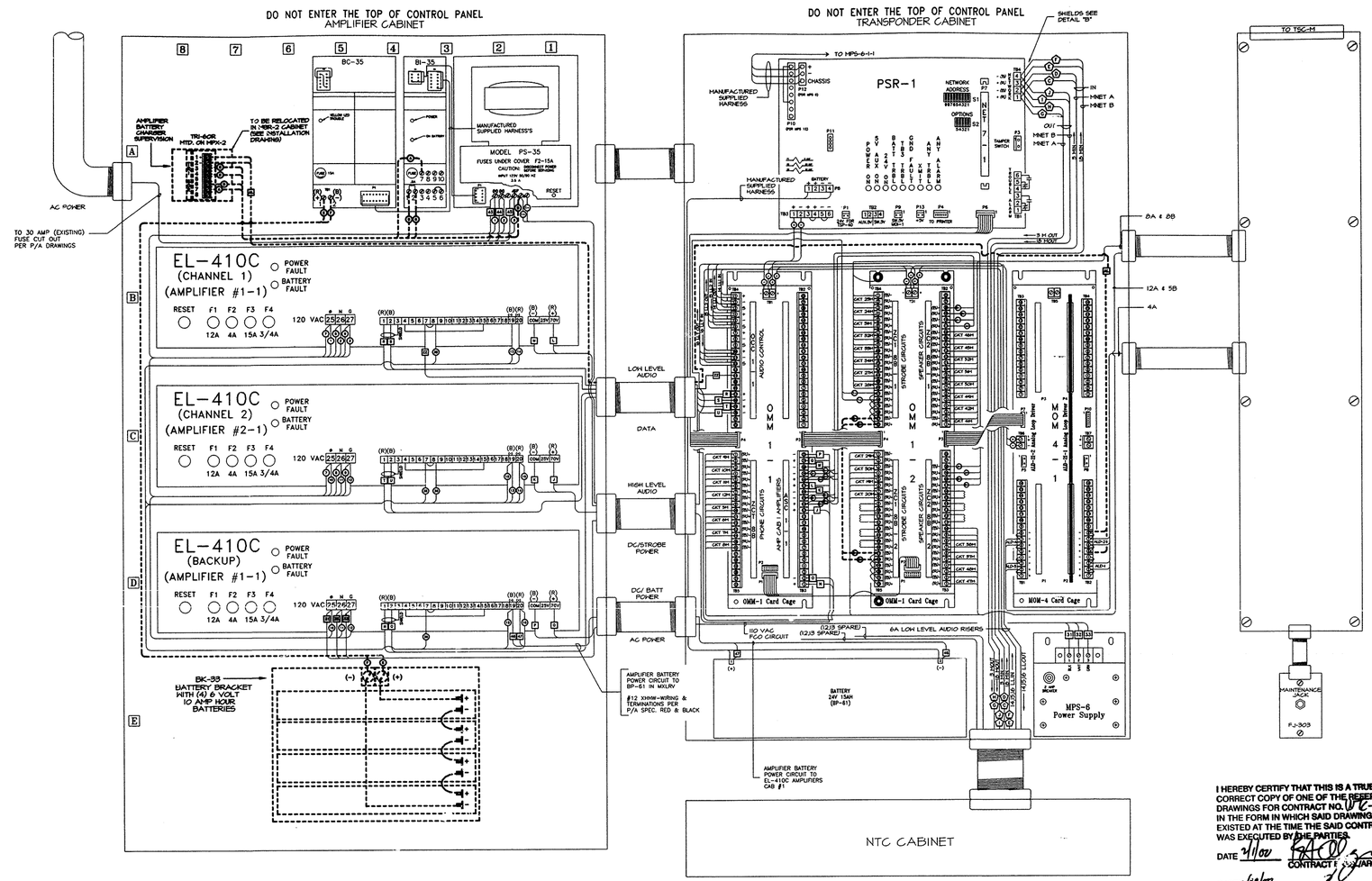
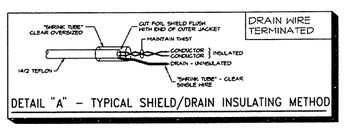


I HEREBY CERTIFY THAT THIS IS A TRUE AND CORRECT COPY OF ONE OF THE REFERENCE DRAWINGS FOR CONTRACT NO. WC-861.573 IN THE FORM IN WHICH SAID DRAWINGS EXISTED AT THE TIME THE SAID CONTRACT WAS EXECUTED BY THE PARTIES.

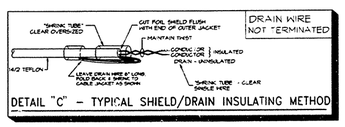
DATE 4/1/00 CONTRACT ADMINISTRATOR

DATE 4/18/00 ENGINEERING PROGRAM MGR.

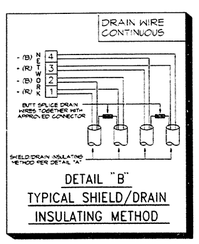
LEGEND		WIRING	NOTES
XNET-A	X-NETWORK "A" CIRCUITS	1. ALL AC POWER WIRING SHALL BE #10 AWG XHHW-2 (WHITE & BLACK).	1) SYSTEM SHALL BE INSTALLED IN ACCORDANCE WITH SPECIFICATIONS, APPLICABLE CODES AND THE CONTRACT DOCUMENTS. DISCREPANCIES, CONFLICTS AND OMISSIONS FOUND ON ANY DOCUMENT, DRAWING, SKETCH, ETC. SHALL BE REPORTED IMMEDIATELY TO THE ENGINEER. INSTALLING CONTRACTOR SHALL NOT PROCEED UNTIL CLARIFICATION AND RESOLUTION IS ISSUED IN WRITING BY THE ENGINEER. ALL WORK SHALL BE FULLY INSPECTED AND TESTED BY THE MANUFACTURERS (SIEMENS-CERBERUS DIVISION) CERTIFIED SYSTEM TECHNICIAN IN COORDINATION WITH THE ENGINEER.
XNET-B	X-NETWORK "B" CIRCUITS	2. AMPLIFIER BATTERY WIRING SHALL BE #10 AWG XHHW-2 (RED & BLACK).	
MNET-A	M-NETWORK "A" CIRCUIT	3. HIGH LEVEL AUDIO, SPEAKER, CONTROL & SOLENOID CIRCUITS SHALL BE #14 AWG UNSHIELDED TEFLON.	
MNET-B	M-NETWORK "B" CIRCUIT	4. LOW LEVEL AUDIO NETWORK, ALD, STROBE, TELEPHONE CIRCUITS SHALL BE #14 AWG SHIELDED TEFLON.	
LL1	LOW LEVEL CHANNEL 1 RISER (PAGE/ALERT)	5. ALL WIRING DEVICES, TERMINALS, CONNECTORS, ETC SHALL BE UL LISTED / MEA APPROVED FOR THE TYPE WIRE USED	2) ALL CONNECTIONS MADE DIRECTLY OR INDIRECTLY TO THE MANUFACTURERS (SIEMENS-CERBERUS DIVISION) EQUIPMENT AND SYSTEMS SHALL BE IN ACCORDANCE WITH THE CONTRACT DOCUMENTS. METHODS OR MATERIALS NOT APPROVED FOR USE WITH THIS EQUIPMENT BY THE MANUFACTURER (SIEMENS-CERBERUS DIVISION) SHALL NOT BE EMPLOYED.
LL2	LOW LEVEL CHANNEL 2 RISER (E-VAC)	6. ALL TERMINAL CONNECTORS FOR #10 AWG SHALL BE APPROVED FOR SOLID WIRE CONNECTION.	
LLT	LOW LEVEL TELEPHONE RISER (TEL)		3) CONTRACTOR SHALL PERFORM ALL WORK SHOWN ON SIEMENS-CERBERUS DIVISION DRAWINGS, WHICH INCLUDES INTERNAL WIRING REMOVAL, CHANGES & ADDITIONS AND EXTERNAL WIRING TERMINATIONS AS WELL AS COMPONENT INSTALLATION. ALL WORK SHALL BE PERFORMED IN THE PRESENCE OF THE ENGINEER.
HL1	HIGH LEVEL CHANNEL 1		
HL2	HIGH LEVEL CHANNEL 2		
ALD	ANALOG LOOP DRIVER (L-4)		
GSM	CONVENTIONAL SIGNAL MODULE (S-4)		
———	DARK SOLID LINE(S) INDICATE WORK TO BE DONE		
- - - -	DARK DASHED LINE(S) INDICATE EXISTING TO BE REMOVED		
———	LIGHT SOLID LINE(S) INDICATE EXISTING TO REMAIN		
———	DARK CENTER LINE(S) INDICATE EXISTING WIRING TO BE RELOCATED		



DETAIL "A" – TYPICAL SHIELD/DRAIN INSULATING METHOD



DETAIL "C" – TYPICAL SHIELD/DRAIN INSULATING METHOD



DETAIL "B"
TYPICAL SHIELD/DRAIN INSULATING METHOD

NO.	DATE	DESCRIPTION	BY
1	11/19/99	ORIGINAL DRAWING	
2			
3			
4			
5			
6			
7			

THIS DRAWING AND SPECIFICATIONS REPRESENTED, CONTAINED, OR INCLUDED HEREIN ARE THE PROPERTY OF OTHER PARTIES, EXCEPT AS OTHERWISE NOTED. THEY ARE LOANED FOR THE SOLE PURPOSE OF OBTAINING WRITTEN CONSENT TO BIDDER, OFFER OR QUOTE. ALL OTHER USES, REPRODUCTIONS, SHALL BE NO TRESPASS.

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FIRE ALARM SYSTEM
TRANSPONDER INSTALLATION
5 WORLD TRADE CENTER
3rd FLOOR

DRAWINGS PREPARED FOR

DRAWN BY: N.P.
SCALE: NONE
DATE: 11/26/99
JOB NO: 861.573
CHECKED BY: L.D.
SHEET NO: MXLPL-NE-MT-1

FILE NAME: G:\NE-PLAZA\JOB\TL_5-6\NE-143-1.dwg plotted on 11/18/1999 by Nelson